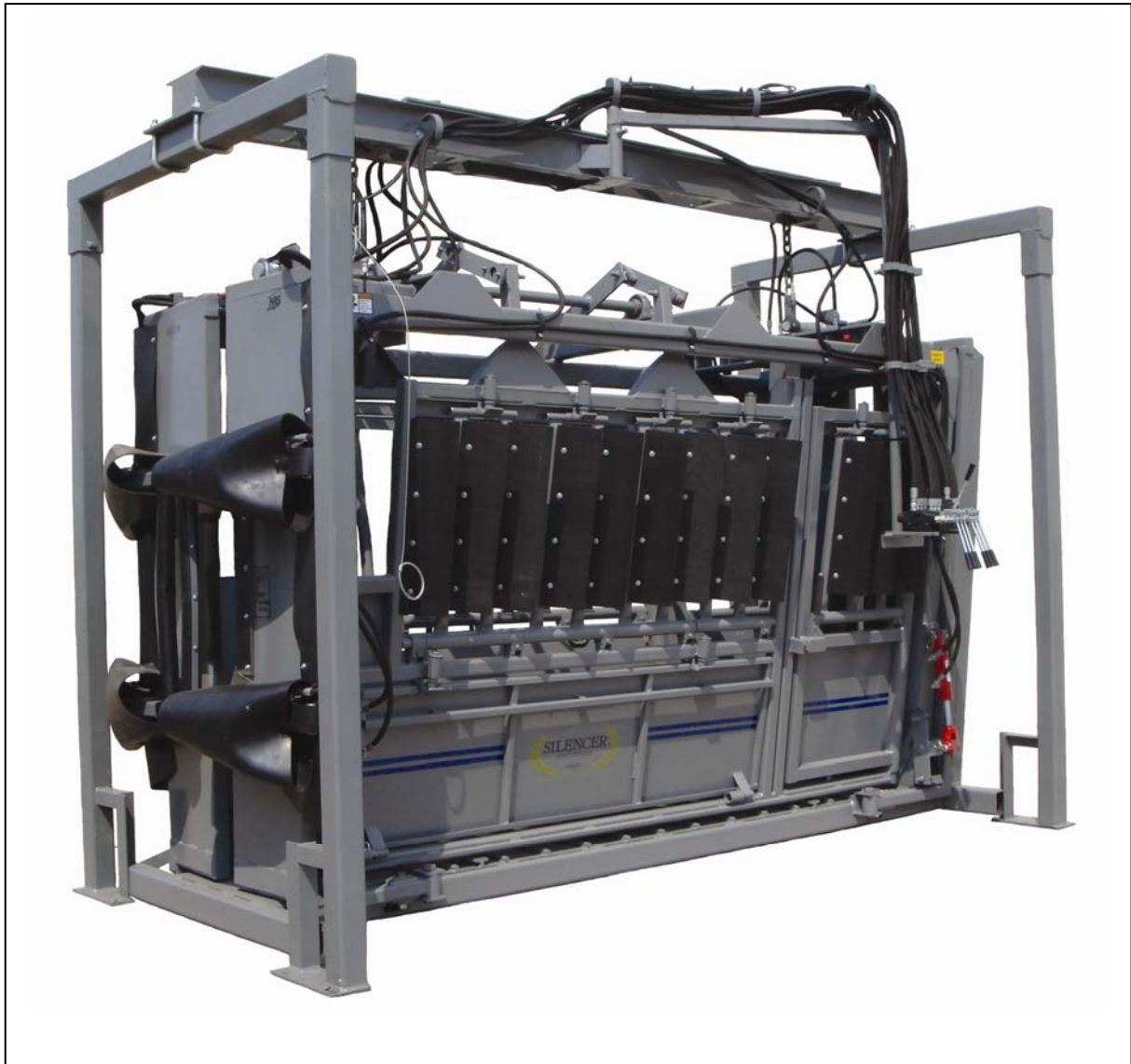
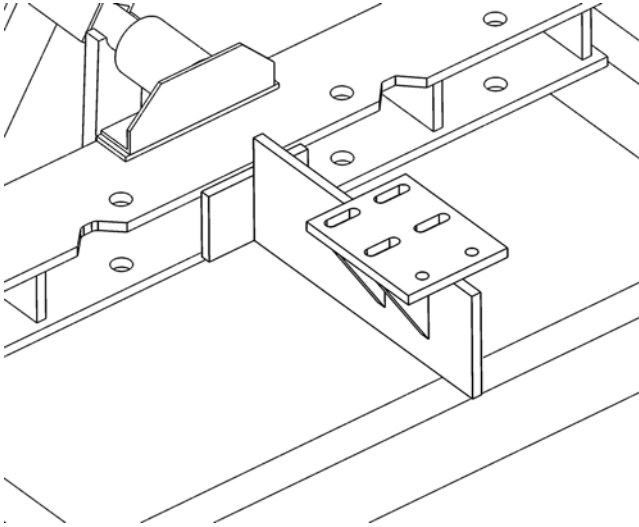


OVERHEAD SCALE SETUP MANUAL



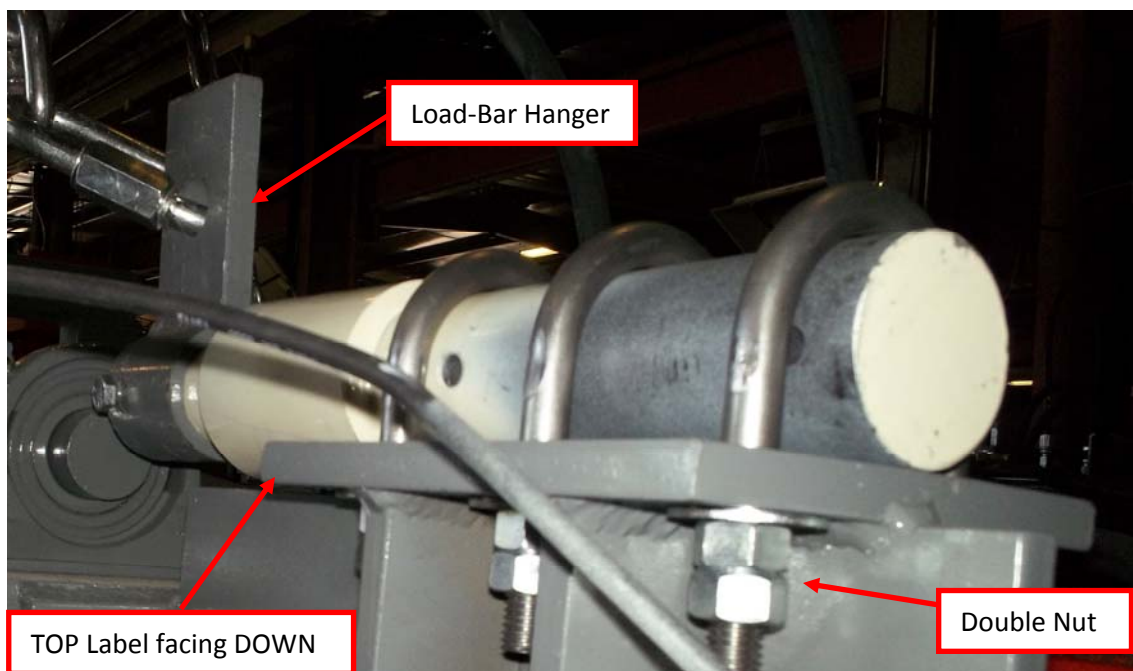
LOADBAR BRACKETS:

If your chute was not built with overhead scale load-bar brackets, you will need to weld the brackets on to the chute. Refer to the pictures to for location. The brackets should be centered on the chute, with double-pass welds on the chute frame and headboard as shown.

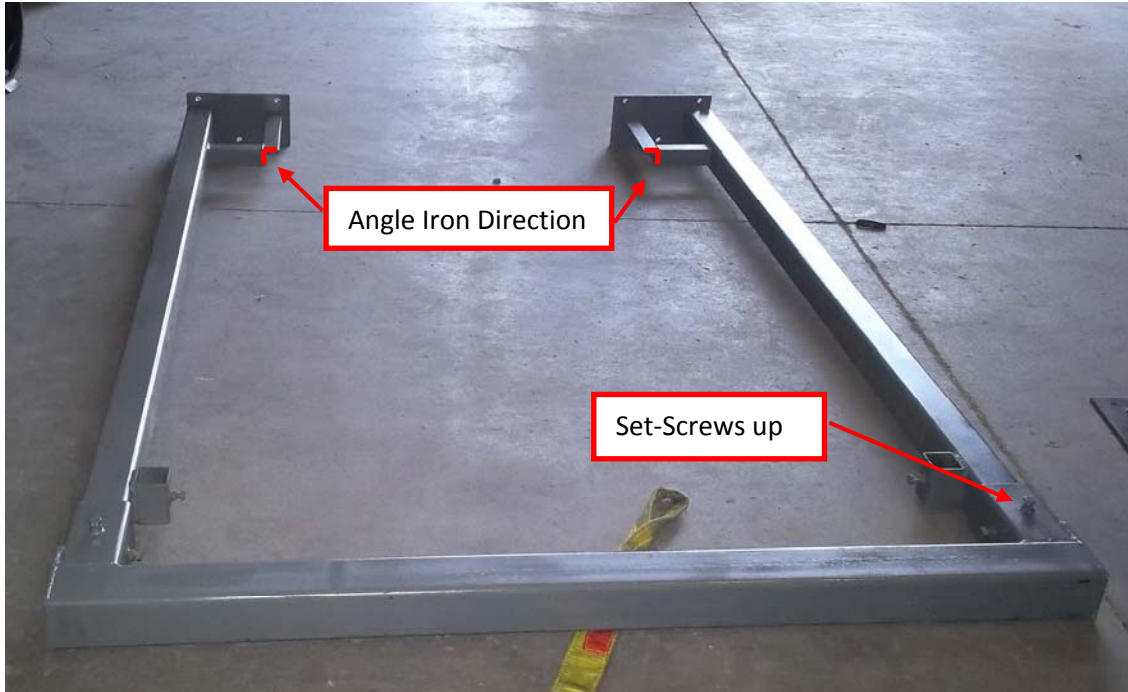


LOADBARS:

1. Attach load-bar hangers to the load-bars and secure with 3/8 bolt, lockwasher and nut. Note that the label on the load-bar that says 'TOP' must be facing DOWN toward the ground.
2. Use the U-Bolts to secure the load-bars to the brackets as shown. Start with the load-bar centered on the bracket and the end of the load-bar about flush with the end of the bracket. Tighten and double-nut the U-bolts. (3 U-bolts per load-bar)



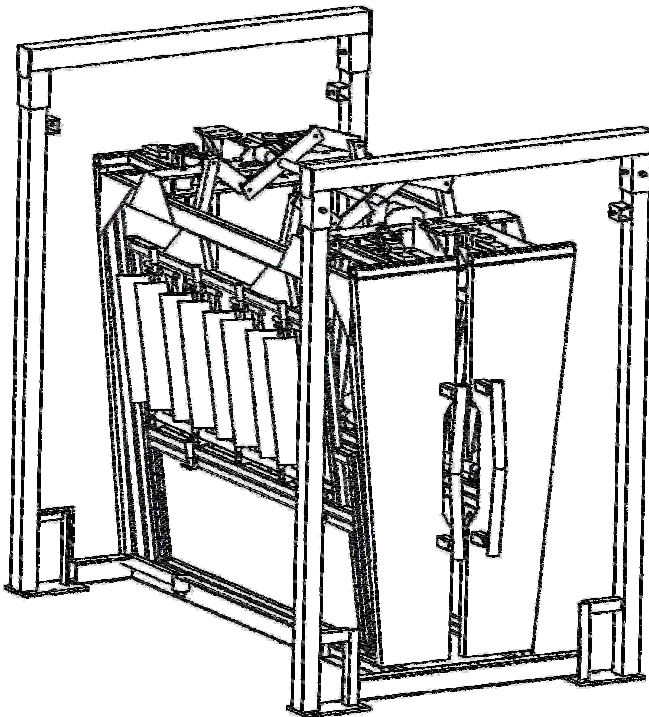
SETTING UP THE OVERHEAD SCALES FRAME



Lay the Top Leg Frame on the ground and insert two legs fully into the frame as shown. Be sure to use two 'opposite' legs with the angle irons and stiffener brackets towards the inside of the frame.

Tighten the four set-screws to secure the legs into the frame.

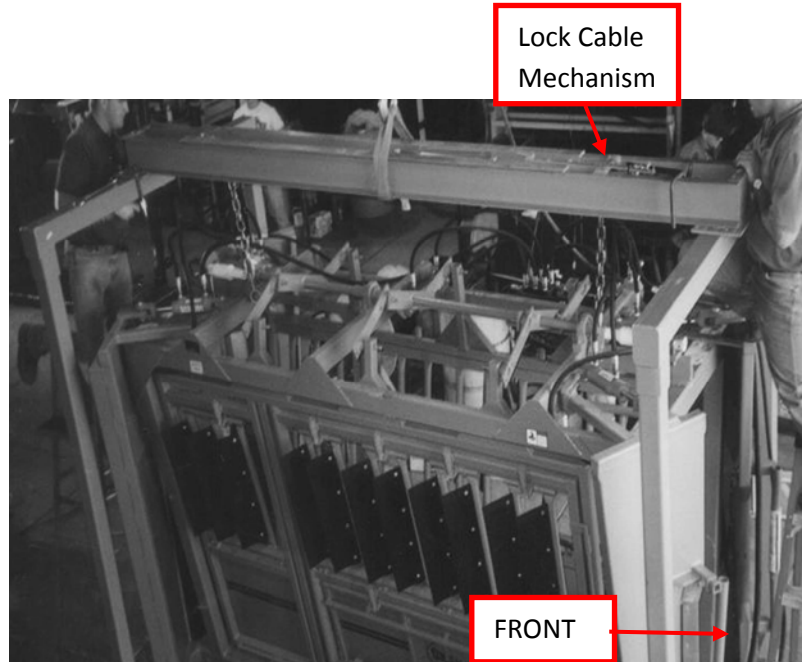
Repeat for 2nd set of legs.



1. Lift the front of the chute approximately $\frac{3}{4}$ ". Slide leg bases under frame of SILENCER. Leave approx $\frac{3}{8}$ " gap between frame of SILENCER and scale frame angle irons.
2. Set SILENCER down on leg bases.
3. Repeat for other end.

Lift the Overhead Frame above the SILENCER and center each end on leg frames. Note that the lock cable and mechanism should be on the front end of the chute.

Secure each end of the overhead frame to frame ends using U-Bolts.



Attach hoses from overhead frame to SILENCER spool valve.

Pull back on lock cable, lower chains and connect chain to load-bar hangers.

Check that all bolts are tight; especially load-bar U-bolts and chain connections.

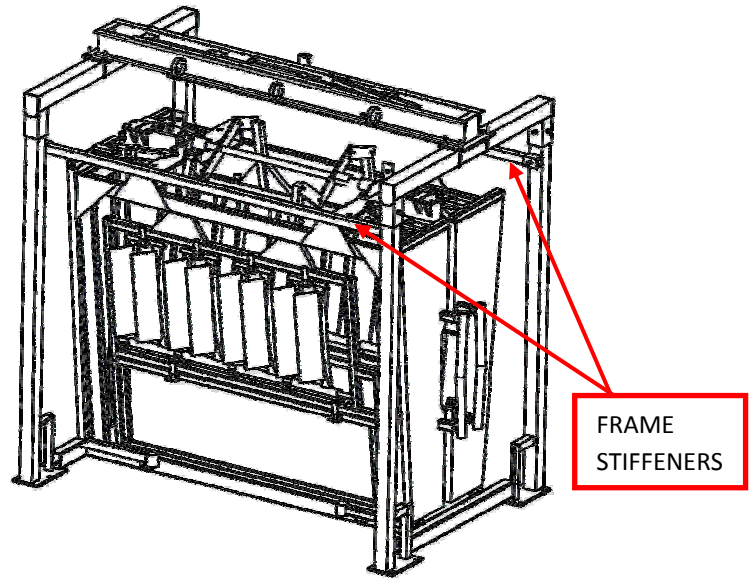
Hydraulically lift SILENCER, check legs to make sure each one is solid and supporting weight (shim if necessary – Frame must be level and plumb)

If chute hangs crooked due to off-balance load, set chute down and adjust load-bars side-to-side to compensate. (Point the chain-end of load-bars toward the low side of the chute) Re-tighten and lift again to check until satisfactory.



Assemble the frame stiffeners and tighten the set screws.

Note: if the spool valve / controls are mounted on the side of the chute, then a stiffener cannot be installed on that side.



1. Attach indicator to point of choice and connect load-bar wires and power cord.
2. Check scales for accuracy.
3. After scales and lifting mechanism have been proven, anchor scale frame to concrete with 5/8" anchor bolts (x12)

